

## **ELECTRODE IONTOPHORETIC DRUG DELIVERY**

**MANUFACTURER: EMPI, INC.**

**Manufacturer Model# 199437-001**

**Manufacturer's PHONE: (651) 415-9000 FAX: (651) 415-7447**

**Manufacturer's Website: <http://www.empi.com>**

**Item Web Link:**

**[http://www.empi.com/empi\\_products/detail.aspx?id=152](http://www.empi.com/empi_products/detail.aspx?id=152)**

**AAC 'L' ITEM NSN 6515-01-537-8739**

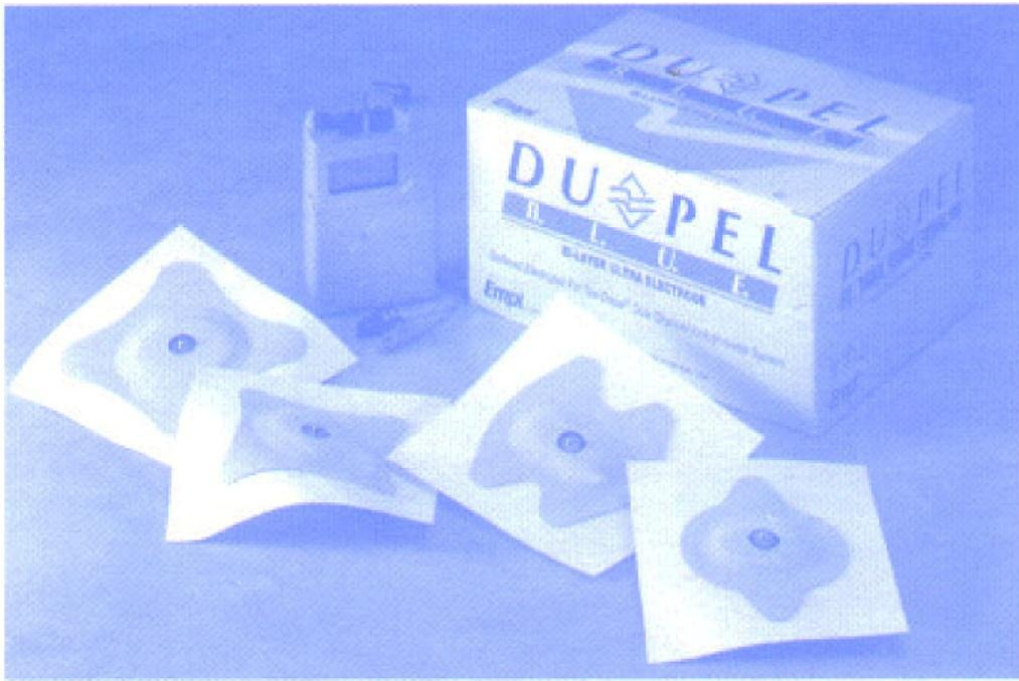
**UAs: 500A, N312, P783**

**USAMMA POC: Customer Relationship Management 301-619-1288/4301 - DSN 343-1288/4301**

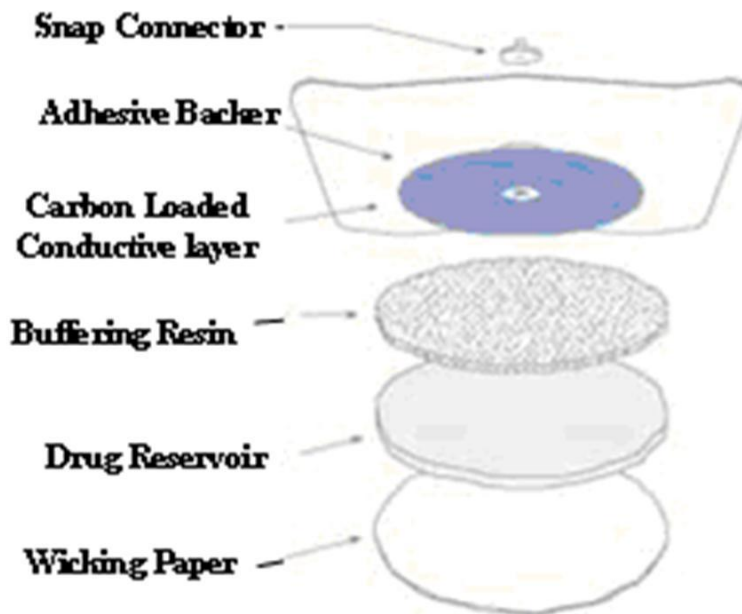
**UNIT PRICE: \$1,486.00**

**System Description:** The Empi Dupel iontophoresis system provides health care professionals with an alternative to injections for administering drugs. The easy-to-use system has contributed to the growth in the use of iontophoresis for physical rehabilitation. Iontophoresis is a method of delivering medications through the intact skin. It uses an electrical field to accelerate drug ions into a focal region under the skin. Like charges repel; opposite charges attract. A negative current applied over an electrode containing a negatively charged medication will repel the drug ion through the skin. If performed with effective voltage levels, iontophoresis delivers 10 times more drug than passive diffusion.

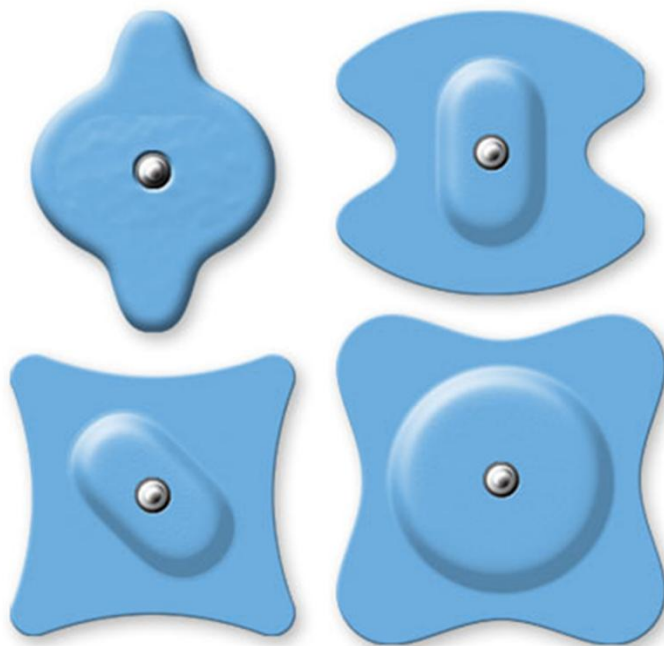
- Features:**
- High efficiency, bi-layer design for optimal drug delivery
  - Patented ion-exchange buffering system ensures that pH shifts occurring during iontophoresis are controlled.
  - Four shapes/sizes for best adhesion, conformability, and coverage
  - Allows application of higher dosages – tested to 160 mAmin (milliamp minutes)
  - Two-channel operation allows the clinician to treat multiple patients, two sites, or to cover a large area
  - Fast, easy-to-fill treatment pad
  - Foam drug reservoir minimizes leaking
  - Latex Free
  - Adhesive tape with tabbed design enhances application and conformability



**ELECTRODE IONTOPHORETIC DRUG DELIVERY SYSTEM**  
**PART # 199437-001**  
**NSN 6515015378739**



**ELECTRODE IONTOPHORETIC DRUG DELIVERY SYSTEM PATCH - EXPLODED VIEW**  
**PART # 199336-001**  
**NSN 6515015525647**



**ELECTRODE IONTOPHORETIC DRUG DELIVERY SYSTEM SHOWING DIFFERENT SIZES, SHAPES**  
**PART # 199437-001**  
**NSN 6515015378739**

# ELECTRODE IONTOPHORETIC DRUG DELIVERY

## PHYSICAL & ENVIRONMENTAL SPECIFICATIONS

<b>Item Dimensions</b>	<b>Height (Inches)</b>	<b>3.5</b>
	<b>Width (Inches)</b>	<b>3.5</b>
	<b>Length (Inches)</b>	<b>0.9</b>
	<b>Cube (Cubic Feet)</b>	<b>0.0064</b>
	<b>Weight</b>	<b>0.5 lb</b>
<b>Ship Dimensions</b>	<b>Height (Inches)</b>	
	<b>Width (Inches)</b>	
	<b>Length (Inches)</b>	
	<b>Cube (Cubic Feet)</b>	
	<b>Weight</b>	
<b>Storage Temp</b>		
<b>Operating Temp</b>		
<b>Storage Humidity</b>		
<b>Operating Humidity</b>		
<b>Amps</b>		
<b>Watts</b>		
<b>Power Requirements</b>	<b>9 VDC Battery</b>	
<b>Notes</b>	<p><b>Small</b> Size: 2.65" x 3.34" Active Area: 1.03 in<sup>2</sup></p> <p><b>Medium Butterfly</b> Size: 3.0" x 3.4" Active Area: 1.25 in<sup>2</sup></p> <p><b>Medium Standard</b> Size: 3.0" x 3.0" Active Area: 1.56 in<sup>2</sup></p> <p><b>Large</b> Size: 3.48" x 3.48" Active Area: 2.48 in<sup>2</sup></p> <p><b>Fill Capacity:</b> 4.0 cc  <b>Max Dosage:</b> 80 mAmin  <b>Max Current:</b> 4.0 mA</p>	

**ELECTRODE IONTOPHORETIC DRUG DELIVERY  
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN EMPI, Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015378739		Electrode Iontophoretic Drug Delivery	199437- 001		1	EA	\$1,486.00	\$1,486.00	N/A
6135009735632	See Additional Note Below	Battery Nonrechargeable 9V	C512C		2	EA	Incl w/NSN 8739	Incl w/NSN 8739	36
6515015689541		Lead Wire 60"	193056- 001		2	EA	Incl w/NSN 8739	Incl w/NSN 8739	N/A
7610015437003		Literture Operator	360184- 001		1	EA	Incl w/NSN 8739	Incl w/NSN 8739	N/A

**ELECTRODE IONTOPHORETIC DRUG DELIVERY  
ADDITIONAL NOTE:**

Start-up quantity or unit of issue is different from Resupply quantity/unit of issue.